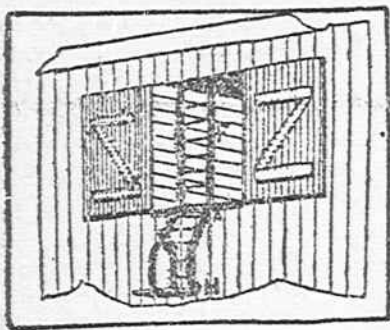


## SOUTHERN FARM NOTES.

TOPICS OF INTEREST TO THE PLANTER, STOCKMAN AND TRUCK GROWER.

### A Handy Grain Lift

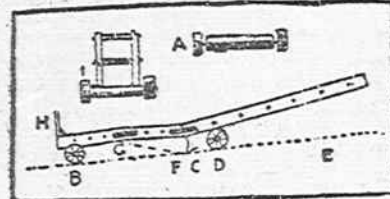
The plan of a device to take sacks of grain up in a loft nine feet from the ground over a corncrib is furnished to the Ohio Farmer by a correspondent, who says: We put one foot of gravel in the corncrib for a good



GRAIN LIFT.

drive, leaving eight feet. The top of the wagon is four feet, leaving four feet from the lower end of the lift to the roller on the edge of the loft floor. The length of the lift from this point up is eight feet, made in the style of a ladder. When the sack is set on at H (see first cut), by taking hold of the lift at F the sack can be swung out very easily. The farther out the sack goes the more purchase you have at F, and when the sack is on a line from E to B (second cut) it will naturally run in itself because the lift will be in a shape to make it down grade from F to G, and after the sack passes the roller, A, the trucks at I will run on the floor, and you have a complete truck. The stop, C, does not want to come below the line from F to G.

If this device is made of good seasoned red elm, 2x4 scantling, it is very light, and grain can be taken up more rapidly and a great deal more easily



DETAILS OF GRAIN LIFT.

than to carry it up the steps on your shoulder. The wheels can generally be found in some machine agent's pile of old iron. The cost is but a trifle, and any person can make one with but few tools. It will save your back, and that is quite an item in this generation.

### Shredding vs. Pulling Fodder.

That the cornstalk is a valuable hay plant has been settled. It is no longer a matter of controversy. Shredded corn hay is about as good as any other hay. This crop does not have to be planted and made, but is already made. It is simply a question of taking care of what you have on hand. There are millions of dollars' worth of cornstalks standing in the fields of the South, ready to be made into first class food. There is from one to two tons per acre of this hay standing in every corn field in the South. It is plainly your duty to cut and save it. To those of you who have not yet pulled fodder, we wish to say that it is cheaper to cut and shred, than it is to pull fodder. It does not injure the corn to cut the cornstalks, but actually helps it.

Numerous experiments carefully made, prove conclusively that the corn fills out better and weighs more when cured in this way than when permitted to stand in the field. The stalks made into hay are worth nearly as much as the grain, so that you about double the value of your corn crop by shredding the stalks.

To those of you who have already pulled your fodder, we wish to say the stalks are yet worth saving and shredding. While it is true that you have lost something and spent something in pulling the fodder, you have saved your stalks. Prompt attention to this matter will go a long way toward supplying roughage for the cattle through the winter.

So we again say with all the emphasis that we know how, cut your corn and shred it into hay instead of pulling fodder. Learn a new and better way instead of following in the old one.

We are not able to go on with our old-fashioned, wasteful ways of farming. We must learn to practice more economy.—Southern Cultivator.

### Fertilizing Cotton.

Considering permanency of effect as well as influence on the crop immediately following, the cow pea and other leguminous plants must be ranked as a cheaper source of nitrogen than is any nitrogenous material which may be bought as commercial fertilizers, says J. F. Duggar, of Alabama. The aim of the cotton farmer should be to grow such areas of legumes as will enable him to dispense with the purchase of nitrogenous fertilizers for cotton.

### Miscellaneous Matters.

In his recent speech at Peoria Secretary Root read a letter from Jose Rizal, the greatest genius and most revered patriot of the Philippines, in which the writer pleaded with his people to submit to American sovereignty. A correspondent points out that Rizal was executed by the Spaniards in 1897, long before the United States had trouble with Spain. Now Mr. Root's friends somewhat lamely explain that the Secretary was not correctly quoted.

ton, using the funds thus saved to purchase increased amounts of phosphates or other necessary non-nitrogenous fertilizers. The money that would have been necessary to purchase one pound of nitrogen will buy about three pounds of phosphoric acid or of potash, which larger purchases of phosphate and potash will enable the farmer to grow heavier crops of legumes, and heavier crops of legumes trap larger amounts of otherwise unavailable atmospheric nitrogen and result in further soil enrichment.

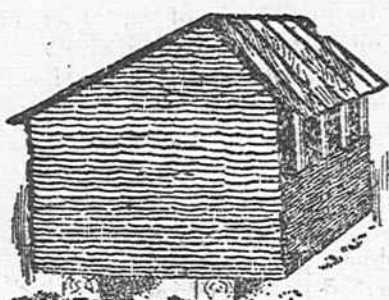
In the writer's opinion the most promising method of increasing the yield of cotton per acre and the profits of cotton culture is by a more general use of leguminous plants as fertilizers. These invaluable allies are by some farmers utilized and appreciated, but their use might be increased twenty-fold with advantage to the current crop, to the permanent upbuilding of the soil and to the filling of the farmer's pocket. It is putting the case very mildly to say that the average yield of cotton per acre in Alabama might be increased by a least fifty per cent. through the general use of legumes as fertilizers.

### Grafting Cucumbers.

It is not generally known that cucumbers and even cucumbers and other herbaceous plants may be grafted quite successfully, and surprising effects may often be secured by such operation. To graft cucumbers, choose vigorous young plants, cut horizontally to the wood where it is a little smaller than an ordinary lead pencil, and split the stock in the center of the top, about one inch deep. The stock and base scion of course must be of same thickness, so that the rims meet. Use firm little cuttings, not too soft, about one and a half inches long, for scions. Cut wedge shaped, one inch in depth, and insert into the split stock. Bind with soft worsted. The plants should be kept in a propagating case or in a temperature of seventy to eighty degrees and remain shaded until the union is formed.

### A Convenient Corn Crib.

The illustration shows a corn crib which is satisfactory, where a small amount of corn is to be kept. It can be made any size desired, but possibly one twenty-five by twelve feet is the most satisfactory. The sides may be made of any kind of rough boards placed about three inches apart, or



CRIB IN POSITION.

strips of wood of any character can be used provided the openings between them is not wider than four inches. The roof is made out of ordinary rough boards, with battens over the cracks. The crib should be placed at least a foot above the ground, so that it will not harbor rats. The one shown in the engraving is supported by two large sills. Pillars of brick or blocks of wood can be used.

### A Standing Reproach.

The scarcity of good fruit trees on many farms is a standing reproach to the owners of said farms. A pound of pecan nuts planted in October or November in the right place will soon give pecans in abundance. Then the ordinary chestnut will flourish on all the Piedmont hills. Save seed from good peaches and plant them in October. Cultivate them well next summer and you will have large trees to plant the following year. Be sure to plant out a few choice apple and pear trees this winter. Remember that a good orchard and a good garden are the chief factors in a good living. How could a table be made attractive without fresh vegetables and choice fruits?—The Cotton Plant.

### Old-Fashioned Vegetables.

Plant old-fashioned homely vegetables, beans to string, lady peas, summer squash, pumpkins, lima beans. That old favorite of the housewife, the Greenback bean, is almost proof against rain and heat. Tomatoes can be grown in summer, in light soils, under the shelter of brush breaking half the sunshine, for the tomato will not brook a total deprivation of the sunshine. But with soils retaining water in sight even a few moments on the surface, it is useless to experiment with the tomato any longer.—Florida Agriculturist.

### Items of Interest.

Interesting testimony, confirmatory of previous testimony of the same kind, is that of Lieut Peary that the Arctic region is one of the best places on earth for persons afflicted with pulmonary diseases. In proof of the health-giving conditions there he says that nearly everybody who went up there came back weighing more and in a much better state of health generally. The trouble, however, with the Arctic as a refuge from tuberculosis is that it is not accessible.

### CURES BLOOD POISON, CANCER.

Aching Bones, Shifting Pains, Itching Skin, Pimples, Eruptions, Sores, Etc.

If you have Pimples or Offensive Eruptions, Spots, or Copper-Colored Eruptions, or rash on the skin, Festering Swellings, Glands Swollen, Ulcers on any part of the body, old Sores, Boils, Carbuncles, Pains and Aches in Bones or Joints, Hair or Eyebrows falling out, persistent Sores Mouth, Gums, or Throat, then you have Blood Poison. Take Botanic Blood Balm. (B.B.B.) Soon all Sores, Pimples and Eruptions will heal perfectly. Aches and Pains cease, Swellings subside, and a perfect, never to return cure made. B.B.B. cures cancers of All Kinds, Suppurating Swellings, Eruptions, Sores, Ugly Ulcers, after all else fails, healing the sores perfectly. If you have a persistent pimple, wart, swollen glands, shooting, stinging pains, take Blood Balm, and they will disappear before they develop into Cancer. (Write for special circular on Cancer.) Druggists \$1 per large bottle, including complete directions for home cure. Sample free by writing BLOOD BALM CO., 16 Mitchell St., Atlanta, Ga. Describe trouble, and free medical advice sent in sealed letter.

Hall's Catarrh Cure is a liquid and is taken internally, and acts directly on the blood and mucous surfaces of the system. Write for testimonials, free. Manufactured by F. J. CARRIS & Co., Toledo, O.

The largest coral reef in the world is the Australian barrier reef, which is 1100 miles in length.

FIT'S permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Write for bottle and treatise free. Dr. R. H. KLINE, Ltd., 381 Arch St., Phila., Pa.

France's 16,000 doctors average less than \$750 a year professional income.

Mrs. Winslow's Soothing Syrup for children teething softens the gums, reduces inflammation, allays pain, cures wind colic, 25c a bottle.

It's the tiresome people who bore their way through life.

Jamieson's Cough Cure, Consumption cured my life three years ago.—Mrs. Thomas Robinson, Maple St., New York, N. Y., Feb. 17, 1900.

There is a difference between being outspoken and being out-talked.

PUTNAM FADELESS DYES color more goods, per package, than others.

### PARIS TAKES TO HORSE FLESH

Over Two Hundred Shops Where Cheap Meat Is Sold.

The taste for horseflesh in Paris, which is demonstrated by the recent banquet, does not date back many years. It was under the second empire, during the expedition to Morocco, that it came into the dietary of the French soldier. The expeditionary column had nothing to live upon, so it slew and ate the horses, and everyone was agreeably surprised at the quality of the meat.

Emile Decroix, a veterinary surgeon with the troops, resolved to profit by the experience. Arrived in Paris, he set about popularizing the horse as food. He distributed meat gratuitously to the poor population. In his propaganda he interviewed the prefect and ministers and even had audience of the emperor. He opened the first hippophagous butchery, in the Place d'Italie, in 1886. It was the siege of Paris that caused the flesh of horse to be regarded as a positive delicacy. That was thirty-two years ago. How has the notion progressed since? Paris has now 250 shops where they sell the meat; all are prospering. Last year 30,000 horses were slaughtered and eaten. Rouen, Toulouse, Lille, Orleans, have all taken to horse eating. The meat is cheaper than beef. Whereas one pays 3 francs the livre for good fillet of beef, it only costs a franc if you take horse.

The animal that was eaten the other day with such eclat had a singular history. It won several steeplechases at Auteuil and Bois-Colombes. It was an English mare and its name was Nell Gwyn. In November, 1893, the crowd on the course was very irritated at the defeat of the favorite in the preceding race. It revenged itself by throwing stones. One of the stones struck the left eye of Nell Gwyn and ruined the sight. Nevertheless, the noble beast won the race.—Pall Mall Gazette.

### His Saying Grace.

Economy is the order of the day among the reigning families of Europe. Whereas in times gone by the very word "royal" implied a reckless disregard for money and extravagance, it now stands for something perilously approaching close-fistedness. Extravagance is left to the new-rich. To begin with King Edward. It is no hearsay that as soon as he came to the throne he appointed his friend, Lord Farquhar, to be master of his household, and Lord Farquhar immediately set to work to do away with all unnecessary expenses, to dismiss all superfluous officials and servants, to get the largest possible returns for the smallest reasonable outlay, and to exact usual discounts for all cash payments. The savings thus effected are understood to amount already to close upon \$125,000 a year.

TO WRITE FOR CAT. & SPECIAL RATES. Situations Secured. For graduates or tuition returned. We pay R.R. Fare. MASSEY BUSINESS COLLEGES. BIRMINGHAM, ALA. RICHMOND, VA. HOUSTON, TEX. COLUMBUS, GA.

WANTED 250 Young Men at once to qualify for good positions which we will guarantee in writing under a \$5,000 deposit to promptly procure them. The Ga.-Ala. Bus. College, MACON, GEORGIA.

HAMLIN'S WIZARD OIL CURES WOUNDS. ALL DRUGGISTS SELL IT.

### Ostrich Eggs as Food.

Ostrich eggs are only a twelfth the cost of hen eggs, that is, so far as South Africa is concerned. Hen eggs cost 75 cents a dozen, but ostrich eggs, each of which is equivalent to 20 or 24 hen eggs, cost 10 cents. When required for use the housewife makes a small hole in the top of the egg. The quantity required is shaken out, and the shell containing the remainder is corked up, as though it were a bottle. So treated, the contents of the egg keep quite a long time when care is taken to place the corked shell in a cool place.

The authorities have strictly prohibited the exportation of ostrich eggs, but the birds have been acclimated to South Africa. An American has also founded an ostrich colony in the south of France, at Nice. The results are that South Africa has dangerous rivals in the field, and that ostrich eggs may soon figure on our breakfast tables.

### An Up-to-Date Child.

It was in a photographer's studio, and a lady called and stated that she wished to have her child's portrait taken.

"Certainly, madam," said the photographer. "This is the little man, is it? Coo-roo. Bless 'im, little tootsie-wootsie. Dear 'ikkle fellow."

"Mother," said the up-to-date child in a voice of scorn, "will you kindly inform me whether the deplorable condition of this person is due to lack of education or hereditary insanity? Kindly proceed, sir, and make as creditable a likeness as lies within your apparently limited capacities."

### Cows Ate Dynamite and Died Peacefully.

Thirteen Holstein cows belonging to Dairyman Claude Peters, of Martinsburg, Pa., were taken sick yesterday, dying on after the other. Peters was mystified till this morning, when telephone linemen came to his house and asked what had become of the thirty sticks of dynamite they had left in a meadow. Investigation showed the cattle had eaten the dynamite, stick by stick and fought over it. None of the animals lived more than three hours after swallowing the explosives.

## Rheumacide

### The Standard Rheumatic Remedy.

STANDARD because able physicians declare that it is the only absolute cure for rheumatism in its various forms. A prominent physician recently said: "I have never been able to write a prescription that will cure rheumatism, owing to the fact that the usual remedies do incalculable harm to the digestive organs. RHEUMACIDE completely overcomes this difficulty—benefits rather than injures the organs of digestion—hence it can be taken for an indefinite period, or as long as need be, to effect a permanent cure."

The Doctor quoted covers the case exactly, "Rheumacide" is absolutely harmless.

All Druggists, \$1.00, or expressage prepaid. Bobbitt Chemical Co., Baltimore Md., U. S. A.

## ROYAL WORCESTER

### BON TON CORSETS

#### STRAIGHT FRONT

improve the appearance of all women, stout or slim, tall, short, or medium. Ask your dealer about them.

ROYAL WORCESTER CORSET CO., WORCESTER, MASS.

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### METALLIC CARTRIDGES.

DURING our 30 years of gun making, we have discovered many things about ammunition that no one could learn in any other way. Our discoveries in this line, together with years of experience manufacturing ammunition, enable us to embody many fine points in Winchester Metallic Cartridges for rifles and revolvers which make them superior in many ways to all other brands upon the market. Winchester cartridges in all calibers are accurate, sure-fire and exact in size; being made and loaded in a modern manner by skilled experts. If you want the best INSIST UPON HAVING WINCHESTER MAKE OF CARTRIDGES.

## TOALFUIFIRI GINICICIAL KIRINWYIEIO \$400 IN CASH FREE

We will give the above reward to any person who will correctly arrange the above letters to spell the names of three American cities. Use each letter but once. Try it. We will positively give the money away, and you may be the fortunate person. Should there be more than one set of correct answers, the money will be divided equally. For instance, should five persons send in correct answers, each will receive \$80; should ten persons send in correct answers, each will receive \$40; twenty persons, \$20 each. We do this to introduce our firm and goods we handle as quickly as possible. Send us money with your answer. This is a free contest. A post card will do. Those who have not received anything from other contests try this one.

NATIONAL SUPPLY CO., NIAGARA FALLS, ONTARIO.

Free Test Treatment. If you have no faith in my method of treatment, send me a sample of your morning urine for analysis. I will then send you by mail my opinion of your disease and one week's treatment FREE OF ALL COST. My method has been proven by the treatment of cases. Mailing enclosed bottle for urine sent from. DR. J. K. CHILFEN, 925 Penn Ave., Pittsburgh, Pa.

500 YOUNG MEN Wanted for Rail way Train Service. Address: Johnson's Practical Railway Inst., Indianapolis, Ind.

## SUFFERED SEVEN YEARS

With Catarrhal Derangements of the Pelvic Organs.



Miss Kate Brown.

Miss Kate Brown, Recording Secretary of the L. C. B. Association, of Kansas, in a letter from 605 N. Seventh St., Kansas City, Kan., says:

"For seven years I have not known what it was to spend a well day. I caught a severe cold, which I neglected. It was at the time of menstruation, and inflammation set in and prostrated me. Catarrh of the kidneys and bladder followed, my digestive organs gave way; in fact, the cold disarranged my whole system."

"I spent hundreds of dollars with doctors and medicine, but derived but little benefit until I began treatment with Peruna. I kept taking it for nearly nine months before I was completely cured, but I kept encouraging better gradually so that I felt encouraged to continue taking Peruna until my health was restored. I send my thanks

Hundreds of Dollars Spent in Vain—Peruna Cured.



A neglected cold is frequently the cause of death.

It is more often, however, the cause of some chronic disease.

There is not an organ in the body but what is liable to become seriously deranged by a neglected cold. Diseases of the kidneys, bladder and digestive organs are all frequently the result of a neglected cold.

Hundreds of dollars are spent on doctors and medicines trying to cure these diseases, but until the true cause of them is discovered there will be no use in using medicine.

Dyspepsia, medicine, diarrhoea, medicine and constipation medicine is of no good whatever when catarrh is the cause. The catarrh must be treated. The cause being removed, the derangements will disappear.

Peruna cures catarrh of the digestive organs, the urinary organs or any of the internal organs.

If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, O. and blessings to you for Peruna.—Miss Kate Brown.

## RIPANS

Tourists, sportsmen, hunters and fishermen find Ripans Tablets an always handy article in hotel, sleeping car, field and camp. They are the best and only medicine needed for an outing, as they keep head, stomach, bowels and liver in the right condition, and thus prevent any other trouble likely to arise from exposure or sitting at late campfires.

At druggists. The Five-Cent packet is enough for an ordinary occasion. The family bottle, 60 cents, contains a supply for a year.



### W. L. DOUGLAS

\$3 & \$3.50 SHOES WHICH MAKE

W. L. Douglas shoes are the standard of the world. W. L. Douglas made and sold more men's Good-year Welt (Hand Sewed) Shoes in the first six months of 1902 than any other manufacturer.

\$10,000 REWARD will be paid to anyone who can disprove this statement.

W. L. DOUGLAS \$4 SHOES CANNOT BE EXCELLED. 1899 sales, \$1,103,820. 1902 sales, \$3,000,000. 1st 6 months, \$1,103,820. 1st 6 months, \$3,000,000.

Best imported and American leathers, Hagley's Patent Gait, Enamel, Box Calf, Calf, the U.S. Gait, Calf, Red Kid, Black Kid, etc. Colors Eyelets used. Caution! The genuine have W. L. DOUGLAS name and price stamped on bottom. Shoes by mail, 25c extra. Please enclose price. W. L. DOUGLAS, BROCKTON, MASS.

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We buy "Down" and "Up" boots, shoes, and other early in the season, and sell them at a low price, including a belt. Write for our list.

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DROPSY. 10 DAYS' TREATMENT FREE. Have made Dropsy and its complications a specialty for twenty years with this most wonderful medicine. Have cured many thousands and cured.

DR. H. C. COTTEN'S DROPSY. New York, N.Y.